



MECKLENBURG COUNTY

Land Use and Environmental Services Agency Code Enforcement

Standard Operating
Procedure (SOP)

Mechanical/Plumbing

Code Volume Reference: NC Mechanical Code (2012)

Code Chapter Reference: 805 NCMC, R1004 NCRC

Subject: Factory Built Fireplaces

Effective Date: 1/1/2018

Prepared/Revision Date: October 2017

CODE:

R1004.1 General. Factory-built fireplaces shall be *listed* and *labeled* and shall be installed in accordance with the conditions of the *listing*. Factory-built fireplaces shall be tested in accordance with UL 127.

805.1 Listing. Factory-built *chimneys* shall be *listed* and *labeled* and shall be installed and terminated in accordance with the manufacturer's installation instructions.

805.2 Solid fuel appliances. Factory-built *chimneys* installed in *dwelling units* with solid fuel-burning appliances shall comply with the Type HT requirements of UL 103 and shall be marked "Type HT" and "Residential Type and Building Heating Appliance Chimney."

Exception: *Chimneys* for use with open *combustion* chamber fireplaces shall comply with the requirements of UL 103 and shall be marked "Residential Type and Building Heating Appliance Chimney."
Chimneys for use with open *combustion* chamber appliances installed in buildings other than *dwelling units* shall comply with the requirements of UL 103 and shall be marked "Building Heating Appliance Chimney" or "Residential Type and Building Heating Appliance Chimney."

805.3 Factory-built fireplaces. *Chimneys* for use with factory- built fireplaces shall comply with the requirements of UL 127.

805.4 Support. Where factory-built *chimneys* are supported by structural members, such as joists and rafters, such members shall be designed to support the additional load.

Standard Operating Procedure:

This SOP is to clarify how factory built fireplaces are permitted and inspected.

Permitting:

If the factory built fireplace (solid fuel or gas) will have a factory built chimney/vent system, then a separate Mechanical permit will be required. When a separate Mechanical permit is required, the cost of the factory built fireplace needs to be pulled out of the total construction cost for the Building permit.

Inspections:

While these fireplaces will have a separate Mechanical permit, both the Building and Mechanical Inspector will have roles in the inspection process.

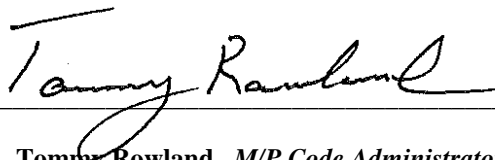
Building Inspector is responsible for inspecting the framing, clearances, fire blocking and air barrier clearances (T-Ply, etc)

Mechanical Inspector is responsible for inspecting the installation of the factory built chimney/vent per the manufacturer's installation instructions (including but not limited to; venting, clearances, support, firestop plates, insulation shield and termination)

The inspection on the factory built chimney/vent is part of the rough inspection and will need to be passed to proceed to the insulation inspection.

Note: *The term factory built fireplace refers to A listed and labeled fireplace and chimney system composed of factory-made components, and assembled in the field in accordance with manufacturer's instructions and the conditions of the listing. This includes modular fireplaces and chimney systems (i.e. Isokern)*

Approved By: _____



Tommy Rowland, M/P Code Administrator